



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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<p>(21) International Application Number: <b>PCT/CA92/00123</b></p> <p>(22) International Filing Date: <b>23 March 1992 (23.03.92)</b></p> <p>(71) Applicant (for all designated States except US): <b>UNIVERSITY OF MANITOBA [CA/CA]; 105 Administration Building, Winnipeg, Manitoba R3T 2N2 (CA).</b></p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only) : <b>DOLYNCHUK, Kenneth, Nicholas [CA/CA]; BOWNESS, John, Michael [CA/CA]; University of Manitoba, Faculty of Medicine, 770 Bannatyne Avenue, Winnipeg, Manitoba R3E 0W3 (CA).</b></p> <p>(74) Agent: <b>ADE &amp; COMPANY; 1700-360 Main Street, Winnipeg, Manitoba R3C 3Z3 (CA).</b></p>		<p>(81) Designated States: <b>AU</b> BB, BG, <b>BR</b> <b>CA</b> CS, FI, HU <b>JP</b>, KP, KR, LK, MG, MN, MW, NO, PL, RO, RU, SD, UA, <b>US</b> European patent (<b>AT</b>, <b>BE</b>, <b>CH</b>, <b>DE</b>, <b>DK</b>, <b>ES</b>, <b>FR</b>, <b>GB</b>, <b>GR</b>, <b>IT</b>, <b>LU</b>, <b>MC</b>, <b>NL</b>, <b>SE</b>), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, SN, TD, TG).</p> <p>Published With international search report.</p>
<p>(54) Title: <b>USE OF TRANSGLUTAMINASE INHIBITOR FOR THE TREATMENT OF SCAR TISSUE</b></p> <p>(57) Abstract</p> <p>The invention relates to the therapeutic treatment of hypertrophic scar tissue within a composition comprising a non-toxic transglutaminase inhibitor, such as putrescine, or a pharmaceutically acceptable acid addition salt thereof, and a pharmaceutically acceptable carrier or diluent. A successful method for treating hypertrophic scar tissue with such compositions, is also disclosed.</p>		

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